



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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Miami, Florida 33175-2474
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www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

OMG, Inc.
153 Bowles Road
Agawam, MA 01001

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: OMG Roof Fastening Systems

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This revises NOA 13-1008.02 and consists of pages 1 through 18.
The submitted documentation was reviewed by Juan E. Collao, R.A.



NOA No.: 14-0605.05
Expiration Date: 09/27/17
Approval Date: 11/27/14
Page 1 of 18

ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: Roofing Fasteners
Material: Steel

MANUFACTURING LOCATIONS:

1. Itasca, IL.
2. Agawam, MA
3. Thomaston, CT
4. Pittsfield, MA
5. Elk Grove Village, IL
6. Cleveland, OH

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

FASTENERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
AccuTrac Hextra <i>Manufacturing Location # 1</i>	#12 x 8" max. Length, 1/4" hex washer head.	TAS 114 TAS 117	Hex washer head, modified buttress thread pinch point, carbon steel fastener for use in steel or wood decks. With CR-10 coating.
#12 Standard Roofgrip <i>Manufacturing Location # 1,2</i>	#12 x 8" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, carbon steel fastener for use in steel or wood decks. With CR-10 coating. Available with a pinch point or drill point.
#14 Roofgrip <i>Manufacturing Location # 2</i>	#14- x 24" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, standard thread, pinch point, carbon steel fastener for use in metal, wood or concrete decks. With CR-10 coating.
#15 Roofgrip <i>Manufacturing Location # 1,2</i>	#15 x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, drill point, carbon steel fastener for use in steel, wood, or concrete decks. With CR-10 coating.
#12 Standard Hex Head <i>Manufacturing Location # 1,2</i>	#12 x 8" max. Length, 1/4" hex washer head.	TAS 114 TAS 117	Hex washer head, modified buttress thread pinch point, carbon steel fastener for use in steel or wood decks. With CR-10 coating.
#12 Standard Stainless Steel <i>Manufacturing Location # 2</i>	#12 x 8" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, stainless steel fastener for use in steel or wood decks.
#15 SPM <i>Manufacturing Location # 1</i>	#15 x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, carbon steel fastener for use in steel, wood, or concrete decks. With CR-10 coating.
#15 Roofgrip Large Head <i>Manufacturing Location # 1</i>	#15 x 14" max. Length, oversized #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, drill point, carbon steel fastener for use in steel, wood, or concrete decks.

FASTENERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
CR Base Sheet Fastener (1.2") <i>Manufacturing Location # 3</i>	1.125" head x 1.2" length.	TAS 114 TAS 117	G-90 galvanized fastener for base sheet attachment to gypsum decks and on lightweight insulating concrete decks less than 2" thick. With Olympic CR-10 coating.
CR Base Sheet Fastener (1.7") <i>Manufacturing Location # 3</i>	1.125" head x 1.75" length.	TAS 114 TAS 117	G-90 galvanized fastener for base sheet attachment to gypsum decks and lightweight insulating concrete decks. With Olympic CR-10 coating
CD-10 <i>Manufacturing Location # 2</i>	0.214" min. dia. x 12" max. length; wafer head	TAS 114 TAS 117	Carbon steel expansion fastener for use in structural concrete decks. CR-10 coated.
Fluted Nail <i>Manufacturing Location # 2</i>	0.212" to 0.225" dia. x 12" max. length; octagonal head	TAS 114 TAS 117	Spiral shanked nail, for use in structural concrete decks. CR-10 coated.
Lite Deck <i>Manufacturing Location # 2</i>	0.240" to 0.375" x 12" max. length; #3 Phillips flat head	TAS 114 TAS 117	Carbon steel fastener for insulation attachment in gypsum and cementitious wood fiber decks. CR-10 coated.
Polymer GypTec <i>Manufacturing Location # 4</i>	0.675" Thread dia. X 1" dia. Head x 12" max. length	TAS 117	One piece, glass reinforced nylon fastener for use in gypsum and cementitious wood fiber decks.
OMG Heavy Duty <i>Manufacturing Location # 2</i>	#14 x 16" max. length; #3 Phillips head	TAS 114 TAS 117	Truss head, self-drilling, pinch point, high thread fastener for use in wood, steel or concrete decks.
OMG XHD <i>Manufacturing Location # 1, 2</i>	#15 x 16" max. length; #3 Phillips head	TAS 114 TAS 117	Truss head, self-drilling, drill point, high thread fastener for use in wood or steel decks.
OMG Super XHD <i>Manufacturing Location # 1, 2</i>	#21 x 16" max. length; #3 Phillips head	TAS 114	Truss head, self-drilling, drill point, high thread fastener for use in wood or steel decks.
Maxload Fastener <i>Manufacturing Location # 1</i>	#21 x 10" max. length; #3 Phillips head	TAS 114	Truss head, self-drilling, pinch point, high thread fastener for use in wood, steel or concrete decks.
OMG HeadLok DP <i>Manufacturing Location # 2</i>	#12 x max. 8 ³ / ₄ "	TAS 114	Large Head carbon steel screw, drill point, for, use into min. 18ga. steel purlin CR-10 coated.
OMG HeadLok SP <i>Manufacturing Location # 2</i>	#14- x 14" max. Length, #3 Phillips head.	TAS 114	Large Head Phillips head, standard thread, pinch point, carbon steel fastener for use in metal, wood or concrete decks. With CR-10 coating.
OMG Purlin <i>Manufacturing Location # 2</i>	#12 x max. 8 ³ / ₄ "	TAS 114	Hex head carbon steel screw, drill point, for use into min. 18 ga. steel purlin.

FASTENERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Strap Toggle <i>Manufacturing</i> <i>Location # 2</i>	¼" dia. x 24" max. length bolt; 2" wide toggle	TAS 114	Metal spring loaded toggle bolt with a plastic locking strap for use in wood, steel or gypsum decks.
RhinoBond (Retro) Driller <i>Manufacturing</i> <i>Location # 2</i>	4" - 10" max. length With #3 Square Head	TAS 114	Carbon steel screw, drill point, for use into min. 16 ga. steel purlin. With CR-10 coating.
OlyLok Locking Impact Nail <i>Manufacturing</i> <i>Location #3</i>	2.7" head x 1.4" length 2.7" head x 1.8" length	TAS 114 TAS 117	High tensile coated steel staple, factory assembled into G-90 hot dipped galvanized steel tube with a 2.7" diameter AZ-55 galvalume steel disk. For base sheet and insulation attachment to new or existing cementitious wood fiber, poured gypsum and lightweight concrete decks.

PLATES:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
3 in. Ribbed Galvalume Plate <i>Manufacturing</i> <i>Location # 2</i>	3" round	TAS 114	Round galvalume plated steel stress plate with reinforcing ribs for use with OMG fasteners.
3 in. Ribbed Galvalume Plate (Flat) <i>Manufacturing</i> <i>Location # 2</i>	3" round	TAS 114	Round galvalume plated steel stress plate with reinforcing ribs for use with OMG fasteners
3 in. Round Metal Plate <i>Manufacturing</i> <i>Location # 2</i>	3" round	TAS 114 TAS 117	Round galvalume steel stress plate for use with OMG fasteners.
AccuTrac Plate <i>Manufacturing</i> <i>Location # 5</i>	3" square; 0.017" thick.	TAS 114 TAS 117	Galvalume steel plate for use with OMG fasteners.
AccuTrac Flat Bottom <i>Manufacturing</i> <i>Location # 5</i>	3" square; 0.017" thick	TAS 114 TAS 117	A2-SS aluminized steel plate for use with OMG fasteners.
Base Sheet Plate <i>Manufacturing</i> <i>Location # 3</i>	2.75" Galvalume steel stress plate.	TAS 114 TAS 117	Galvalume stress plate for use with OMG C-R Base Sheet Fasteners.
Flat Bottom Metal Plate <i>Manufacturing</i> <i>Location # 5</i>	3" square; .017" thick	TAS 114 TAS 117	A2-SS aluminized steel plate for use with #12 Roofgrip, #14 Roofgrip and #15 Roofgrip.

PLATES:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Lite Deck Plate <i>Manufacturing</i> <i>Location # 2</i>	3" round	TAS 114 TAS 117	Round, galvalume plate for use with Lite-Deck Fasteners.
Polymer GypTec Plate 2" with barbs <i>Manufacturing</i> <i>Location # 2</i>	2" round	TAS 114	AZ-55 galvalume plate for use with the Polymer Gyptec fastener.
Polymer GypTec Insulation Plate <i>Manufacturing</i> <i>Location # 2</i>	3" round	TAS 114 TAS 117	AZ-55 Galvalume plate for use with the Polymer GypTec fastener.
OMG Plastic Plate <i>Manufacturing</i> <i>Location # 4</i>	3" round	TAS 117	Round high density polypropylene stress plate for use with OMG fasteners.
OMG 2" Barbed Plate <i>Manufacturing</i> <i>Location # 2</i>	2" round	TAS 114 TAS 117	Round galvanized steel stress plates for use with OMG fasteners.
OMG 2-3/4" Super XHD Barbed Plate <i>Manufacturing</i> <i>Location # 2</i>	2-3/4" round	TAS 114	Round galvanized steel stress plates for use with OMG fasteners.
OMG 2-3/8" Barbed XHD Plate <i>Manufacturing</i> <i>Location # 2</i>	2-3/8" round	TAS 114	Round galvanized steel stress plates for use with OMG fasteners.
OMG Eyehook Accuseam Plate <i>Manufacturing</i> <i>Location # 5</i>	2-3/8" round	TAS 114	Round galvalume steel plate for use with OMG fasteners.
OMG 3" Galvalume Steel Plate <i>Manufacturing</i> <i>Location # 2</i>	3" round, 0.018" - 0.021" thick.	TAS 114 TAS 117	Galvalume coated steel plate for use with approved fasteners screw.
Recessed Metal Plate <i>Manufacturing</i> <i>Location # 5</i>	3" square; 0.017" thick.	TAS 114 TAS 117	Galvalume steel plate for use with Standard Roofgrip, Hex Head or Stainless fasteners.
RhinoBond Insulation Plate (TPO & PVC) <i>Manufacturing</i> <i>Location # 3</i>	3" round	TAS 114	Gold primer coated plate for use with TPO membranes. Black primer coated plate for use with PVC membranes.
RhinoBond TreadSafe Plate (TPO & PVC) <i>Manufacturing</i> <i>Location # 3</i>	3" round	TAS 114	Round, coated galvalume plate (Gold and Black) used for TPO and PVC membranes.

PLATES:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
RhinoBond® TPO/PVC SXHD Plate <i>Manufacturing Location # 3</i>	3" round	TAS 114	Round, coated galvalume plate (Gold and Black) used for TPO and PVC membranes.
Polymer Batten Strip <i>Manufacturing Location # 5</i>	¾"-1" wide; 0.055" thick 250' coils	TAS 117	Polymer fastening strip designed with 0.2" diameter holes spaced 3" o.c. for use with #14 and #15 fasteners.
Metal Batten Strip <i>Manufacturing Location # 6</i>	1" wide; 0.044" thick 10' long	TAS 114 TAS 117	Galvalume coated fastening strip designed with 0.25" diameter holes spaced 6" o.c. for use with approved OMG fasteners over steel, wood and concrete decks.

PRE-ASSEMBLED SYSTEMS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
AccuTrac Fastening System <i>Manufacturing Location # 5</i>	See components above	TAS 114	AccuTrac Galvalume plates with approved fasteners.
CR Assembled Base Sheet Fastener (1.2") <i>Manufacturing Location # 3</i>	1.125" head x 1.2" length. 2.75" Galvalume steel stress plate.	TAS 114 TAS 117	G-90 galvanized fastener for base sheet attachment to gypsum decks and on lightweight insulating concrete decks less than 2" thick. With OMG CR-10 fluorocarbon coating. With Base Sheet Plate.
CR Assembled Base Sheet Fastener (1.7") <i>Manufacturing Location # 3</i>	1.125" head x 1.75" length. 2.75" Galvalume steel stress plate.	TAS 114 TAS 117	G-90 galvanized fastener for base sheet attachment to gypsum decks and lightweight insulating concrete decks. With OMG CR-10 fluorocarbon coating. With Base Sheet Plate.
ASAP RoofGrip Pre- Assembled System <i>Manufacturing Location: See components above</i>	See components above	TAS 114	Pre-assembled Roofgrip #12, #14, #15, OMG Heavy Duty and XHD fasteners with approved plates.
ASAP Hex Head RoofGrip Pre- Assembled System <i>Manufacturing Location: See components above</i>	See components above	TAS 114	Pre-assembled #12 Hex Head fasteners with approved plates.

PRE-ASSEMBLED SYSTEMS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Stainless ASAP RoofGrip Pre- Assembled System <i>Manufacturing Location: See components above</i>	See components above	TAS 114	Pre-assembled #12 Standard Stainless Steel fasteners with approved plates.

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Factory Mutual Research Corporation	FM 4470	3Z5A4.AM	02/23/96
	FM 4470	1R0A4.AM	04/03/90
	FM 4470	1N5A6.AM	06/22/87
	FM 4470	1T3A3.AM	11/26/91
	FM 4470	1V9A5.AM	09/16/92
	FM 4470	0E6A9.AM	01/22/80
	FM 4470	0G1A9.AM	10/19/82
	Wind Uplift	0T0A5.AM	06/01/91
	Pull Out/Shear Data	0M3A6.AM	07/31/85
	Pull Out/Shear Data	1T2A6.AM	02/22/93
	FM 4450	1Y5A4.AM	07/19/94
	Tensile/Shear Data	No. MA 4907 Lab # 2386	01/13/83
	Pull Out	No. MA 4907 Lab # 9098	04/24/85
	Wind Uplift	0W7A2.AM	09/01/93
	Wind Uplift	1X2A6.AM	08/01/93
	Wind Uplift	2V0A5.AM	02/01/92
	FM 4470	1D0A3.AM	09/24/97
	FM 4470	4D1A5.AM	08/04/98
	FM 4470	3031546	02/25/08
	FM 4470	3026774	01/21/08
	FM 4470	3040926	11/10/10
	FM 4450	3032397	02/28/08
	FM Letter	3036723	06/03/09
	FM Small Scale Testing	3035599	04/01/09
	FM 4450	3037608	08/18/10
	FM 4470	3042374	08/11/11
	FM 4470	3031797	05/19/08
	FM 4470	3025527	08/07/06
	FM 4450	797-03187-267	10/11/07
	FM 4470	797-02914-267	05/11/07
	FM 4470	797-06631-267	07/18/11
	FM 4470	797-03364-267	01/18/08
	FM 4470	797-03186-267	09/19/07
	FM 4470	797-02918-267	05/18/07
	FM 4470	797-05591-267	07/06/10
	FM 4470	797-03825-267	07/21/08
	FM 4470	3051348	01/02/14
	FM 4470	3051348-Re-Issue 1	01/13/14

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Trinity ERD	FM 4470	0D6A0.AM	09/12/97
	FM 4470	3019315	04/09/04
	TAS 117(A), (B) & (C)	Base Sheet Testing	07/12/94
	PA 117(A), (B) & (C)	#4251.08.96-1	08/01/96
	TAS 117(A), (B) & (C)	EO8950.04.08	04/17/08
	TAS 117(A), (B) & (C)	O8050.04.08-R1	04/18/08
	TAS 117(A), (B) & (C)	O8050.04.08-R2	09/04/13
	TAS 117(A) & (B)	SC6995.09.14-R1	11/18/14



TYPICAL PHYSICAL PROPERTIES:

Note: A 2 to 1 margin of safety has been applied to test results producing the design values noted herein.

Concrete Deck

<u>Product</u>	<u>Min. psi</u>	<u>Property(s) Tested</u>	<u>Test</u>	<u>Min. Embedment/ Penetration</u>	<u>Typical Results (lbf)</u>
#14 Standard Roofgrip	3,000	Static Load	TAS 117(A)	N/A	391.65
		Pulsating Load			240.0
OMG Heavy Duty	3,000	Static Load	TAS 117(A)	1"	798.0
		Pulsating Load			578.0
CD-10	3,000	Static Load	TAS 117(A)	1"	533.0
		Pulsating Load			410.0
Fluted Nail	3,000	Static Load	TAS 117(A)	1"	537.0
		Pulsating Load			496.5

Steel Deck

<u>Product</u>	<u>Deck Thickness</u>	<u>Property(s) Tested</u>	<u>Test</u>	<u>Min. Embedment/ Penetration</u>	<u>Typical Results (lbf)</u>
AccuTrac Hextra	22 ga.	Static Load	TAS 117(A)	N/A	185.75
		Pulsating Load			106.5
#12 Standard Roofgrip	22 ga.	Static Load	TAS 117(A)	N/A	185.75
		Pulsating Load			106.5
#12 Standard Hex Head	22 ga.	Static Load	TAS 117(A)	N/A	185.75
		Pulsating Load			106.5
#12 Standard Stainless Steel	22 ga.	Static Load	TAS 117(A)	N/A	173.0
		Pulsating Load			146.5
#14 Roofgrip	22 ga.	Static Load	TAS 117(A)	N/A	191.35
		Pulsating Load			110.0
#15 Roofgrip	22 ga.	Static Load	TAS 117(A)	N/A	264.45
		Pulsating Load			124.0
#15 Roofgrip Large Head	22 ga.	Static Load	TAS 117(A)	N/A	264.45
		Pulsating Load			124.0
#15 SPM	22 ga.	Static Load	TAS 117(A)	N/A	264.45
		Pulsating Load			124.0
OMG Heavy Duty	22 ga.	Static Load	TAS 117(A)	¾"	151.5
		Pulsating Load			136.5
OMG XHD	22 ga.	Static Load	TAS 117(A)	N/A	264.45
		Pulsating Load			124.0



Plywood Deck

<u>Product</u>	<u>Deck Thickness</u>	<u>Property(s) Tested</u>	<u>Test</u>	<u>Min. Embedment/ Penetration</u>	<u>Typical Results (lbf)</u>
AccuTrac Hextra	Min. $^{19}/_{32}$ "	Static Load	TAS 117(A)	N/A	267.6
		Pulsating Load			119.0
#12 Standard Roofgrip	Min. $^{19}/_{32}$ "	Static Load	TAS 117(A)	N/A	267.6
		Pulsating Load			119.0
#12 Standard Hex Head	Min. $^{19}/_{32}$ "	Static Load	TAS 117(A)	N/A	267.6
		Pulsating Load			119.0
#12 Standard Stainless Steel	Min. $^{15}/_{32}$ "	Static Load	TAS 117(A)	N/A	138.5
		Pulsating Load			135.0
#14 Roofgrip	Min. $^{19}/_{32}$ "	Static Load	TAS 117(A)	N/A	306.8
		Pulsating Load			141.0
#15 Roofgrip	Min. $^{19}/_{32}$ "	Static Load	TAS 117(A)	N/A	290.85
		Pulsating Load			150.0
#15 Roofgrip Large Head	Min. $^{19}/_{32}$ "	Static Load	TAS 117(A)	N/A	290.85
		Pulsating Load			150.0
#15 SPM	Min. $^{19}/_{32}$ "	Static Load	TAS 117(A)	N/A	290.85
		Pulsating Load			150.0
OMG Heavy Duty	Min. $^{15}/_{32}$ "	Static Load	TAS 117(A)	$^{3}/_{4}$ "	137.5
		Pulsating Load			133.0
OMG XHD	Min. $^{19}/_{32}$ "	Static Load	TAS 117(A)	N/A	290.85
		Pulsating Load			150.0

Cementitious Wood Fiber Decks

<u>Product</u>	<u>Deck</u>	<u>Property(s) Tested</u>	<u>Test</u>	<u>Min. Embedment/ Penetration</u>	<u>Typical Results (lbf)</u>
Polymer GypTec	Any	Static Load	TAS 117(A)	1.5"	140.5
		Pulsating Load			106.0
Lite Deck	Any	Static Load	TAS 117(A)	2"	122.0
		Pulsating Load			115.5
OlyLok Locking Impact Nail	Any	Static Load	TAS 117(A)	1.8"	55.5
		Pulsating Load			46.0

Gypsum Decks

<u>Product</u>	<u>Deck</u>	<u>Property(s) Tested</u>	<u>Test</u>	<u>Min. Embedment/ Penetration</u>	<u>Typical Results (lbf)</u>
CR Base Sheet Fastener (1.2")	Poured	Static Load	TAS 117(A)	N/A	68.0
		Pulsating Load			65.0
Polymer GypTec	Poured	Static Load	TAS 117(A)	1.5"	259.0
		Pulsating Load			257.0
Lite Deck	Poured	Static Load	TAS 117(A)	2"	341.5
		Pulsating Load			300.0
OlyLok Locking Impact Nail	Poured	Static Load	TAS 117(A)	1.8"	92.5
		Pulsating Load			84.0

Lightweight Concrete Deck

<u>Product</u>	<u>Min. psi</u>	<u>Property(s) Tested</u>	<u>Test</u>	<u>Min. Embedment/ Penetration</u>	<u>Typical Results (lbf)</u>
CR Base Sheet Fastener (1.7")	200	Pulsating Load	TAS 117(A)	N/A	28 day cure, 48.0
		Static Load			3 day cure, 45.5
		Static Load			28 day cure, 59.5
CR Base Sheet Fastener (1.2")	200	Pulsating Load	TAS 117(A)	N/A	28 day cure, 38.5
		Static Load			3 day cure, 29.5
		Static Load			28 day cure, 48.5
OlyLock Locking Impact Nail	300	Pulsating Load	TAS 117(A)	1.8"	28 day cure, 40.0
		Static Load			28 day cure, 61.0

Base Sheet Rupture Performance – TAS 117(B)

OMG Product	Manufacturer	Base Sheet	Typical Results (lbf)*
Lite Deck Plate OMG 3" Galvalume Steel Plate, and Polymer GypTec Insulation Plate	Allied Signal	Glass Fiber Base Sheet	63.0
		Premium Glass Fiber Felt	89.0
		Vented Base Sheet	66.0
	Celotex	Channel Vent GB	59.0
		Vaporbar GB	65.0
		GAFGLAS® 75 Base Sheet	70.5
	GAF	GAFGLAS® Stratavent Nailable Venting Base Sheet	67.0
		GAFGLAS® Ply 4	62.0
		Ruberoid® SA Base/Ply Sheet	90.0
	Johns Manville	PermaPly 28	71.0
		PermaPly-R	131.5
		Dynabase	84.0
		Glasbase	65.0
		Ventsulation	65.5
		GlasPly Premier	97.5
	Soprema	Sopra-G	64.0
		Modified Sopra-G	60.0
		Sopraglass 100	98.0
		Sopravent	61.5
	CertainTeed	Flexiglas Base Sheet	62.5
		Flintlastic Poly SMS Base Sheet	125.0
	Siplast	Parabase	93.5
		Parabase Plus	77.5
	Tamko	Glass-Base	86.5
		Vapor-Chan	73.5
	Tremco	BURMastic Glass Ply	53.5
		BURMastic Composite Ply	112.0
Base Sheet Plate	Allied Signal	Glass Fiber Base Sheet	81.0
		Premium Glass Fiber Felt	95.5
		Vented Base Sheet	70.0
	Celotex	Channel Vent GB	82.0
		Vaporbar GB	83.0
		Hydrostop	81.0
	GAF	GAFGLAS® 75 Base Sheet	74.5
		GAFGLAS® Stratavent Nailable Venting Base Sheet	80.0
		GAFGLAS® Ply 4	65.5
		Ruberoid® SA Base/Ply Sheet	90.0
	Johns Manville	PermaPly 28	72.5
		PermaPly-R	91.5
		Dynabase	85.0
		Glasbase	63.5
		Ventsulation	74.0
		GlasPly Premier	102.0
	CertainTeed	Flexiglas Base Sheet	58.5
		Flintlastic Poly SMS Base Sheet	107.5

Base Sheet Rupture Performance – TAS 117(B)

<u>OMG Product</u>	<u>Manufacturer</u>	<u>Base Sheet</u>	<u>Typical Results (lbf)*</u>
	Siplast	Parabase	82.5
		Parabase Plus	93.5
	Soprema	Sopra-G	76.5
		Modified Sopra-G	64.0
		Sopraglass 100	87.0
		Sopravent	88.0
	Tamko	Glass-Base	65.0
		Vapor-Chan	76.5
	Tremco	BURMastic Glass Ply	87.0
		BURMastic Composite Ply	109.0
Flat Bottom Metal Plate AccuTrac Plate, AccuTrac Flat Bottom, Recessed Metal Plate	GAF	GAFGlas [®] 75 Base Sheet	88.5
		GAFGlas [®] Stratavent Nailable Venting Base Sheet	98.8
		#80 Ultima [™] Base Sheet	106.1
		Liberty [™] MA base	137.7
		Permaply #28	100.5
	JM	Ventsulation	95.1
		Glastite Flexible Base	163.1
		Dynabase	161.5
		APP Base	102.5
		Glass base	99.5
	Tamko	Versa Base	129.0
		Tam-Glas Premium	94.8
		Vapor Chan	106.5
		Base-n-Ply	103.6
3 in. Round Metal Plate	GAF	GAFGlas [®] 75 Base Sheet	86.6
		GAFGlas [®] Stratavent Nailable Venting Base Sheet	89.3
		#80 Ultima [™] Base Sheet	92.7
		Liberty [™] MA base	118.2
	JM	Permaply #28	73.1
		Ventsulation	75.7
		Glastite Flexible Base	157.3
		Dynabase	148.3
		APP Base	131.1
	Tamko	Glass base	69.1
		Versa Base	117.5
		Tam-Glas Premium	90.0
		Vapor Chan	99.8
		Base-n-Ply	86.8

OlyLok Locking Impact Nail	CertainTeed	GlasBase Base Sheet	101.5
		Flintlastic Base 20	97.5
		All Weather / Empire Base Sheet	96.0
		Yosemite Venting Base Sheet	115.5
		Flintlastic Poly SMS Base Sheet	135.0
		Flintlastic SA NailBase	71.0
	Firestone	MB Base	103.5
		SBS Base	111.0
	GAF	GAFGLAS #75 Base Sheet	101.0
		GAFGLAS #80 Ultima Base Sheet	128.5
		GAFGLAS Stratavent Eliminator Nailable Venting Base Sheet	105.0
	Johns Manville	DynaBase	119.5
		Ventsulation	109.5
		Perma Ply 28	91.5
		DynaBase PR	141.5
		DynaFast 180 HW	132.5
		DynaFast 180 S	143.0
		DynaLastic 180S	148.5
	Polyglass	Elastobase (sand faced)	131.0
		Elastobase (film faced)	97.0
	Siplast	Parabase	111.5
		Parabase Plus	88.0
	Soprema	Modified Sopra-G	94.5
		Soprabase	123.0
		Soprema Venting Base Sheet	122.5
	Tamko	Glass-Base	98.5

Single Ply Lap Rupture Performance – TAS 117(B)

<u>OMG Product</u>	<u>Manufacturer</u>	<u>Base Sheet</u>	<u>Typical Results (lbf)</u>
OMG 2" Barbed Plate	Seaman	FiberTite	189.5
	JPS	Hi-Tuff	186.5
	BondCote	350 Series	106.5
	Sarnafil	S327	204.5
	GenFlex	GenFlex RM	205.0
	Durolast	Durolast 35 mil	149.5

Note: The physical properties listed above are presented at typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation.

* A 2 to 1 margin of safety has been applied to test results providing the above noted design values.

APPROVED APPLICATIONS:

Tradename: **AccuTrac Hextra**

Compatible Plate(s): 3 in. Ribbed Galvalume Plate, OMG Plastic Plate, 3" Round Metal Plate, and AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Product Control Approval (NOA).

Insulation Types: Polyisocyanurate, Perlite, Fesco board, High Density Wood Fiber, Fiberglass, Perlite/Urethane Composite, with current NOA.

Application: Mechanical attachment of roof insulation and membrane fastening assemblies. See specific Roof Assembly, Product Control Approval (NOA) for fastener density and approved attachment patterns.

Deck: 16-22 ga. steel, wood, min. 19/32" plywood or wood plank.

Tradename: **#12 Standard Roofgrip**

Compatible Plate(s): 3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), OMG Plastic Plate, OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Product Control Approval (NOA).

Insulation Types: Polyisocyanurate, Perlite, Fesco board, High Density Wood Fiber, Fiberglass, Perlite/Urethane Composite, with current NOA.

Application: Mechanical attachment of roof insulation and membrane fastening assemblies. See specific Roof Assembly, Product Control Approval (NOA) for fastener density and approved attachment patterns.

Deck: 18-22 ga. steel, wood, min. 19/32" plywood or wood plank

Tradename: **#12 Standard Stainless Steel**

Compatible Plate(s): 3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), OMG Plastic Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Product Control Approval (NOA).

Insulation Types: Polyisocyanurate, Perlite, Fesco board, High Density Wood Fiber, Fiberglass, Perlite/Urethane Composite, with current NOA.

Application: Mechanical attachment of roof insulation and membrane fastening assemblies. See specific Roof Assembly, Product Control Approval (NOA) for fastener density and approved attachment patterns.

Deck: 18-22 ga. steel, wood, min. 15/32" plywood or wood plank

Tradename: **#14 Roofgrip, #15 Roofgrip, #15 Roofgrip Large Head**

Compatible Plate(s): 3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), RhinoBond Insulation Plate, RhinoBond TreadSafe Plate, RhinoBond TPO/PVC SXHD Plate, OMG Plastic Plate, OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal plate and Recessed Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof System Assembly, Product Control Approval (NOA).

Insulation Types: Polyisocyanurate, Perlite, Fesco board, High Density Wood Fiber, Fiberglass, Perlite/Urethane Composite, with current NOA.

Application: Mechanical attachment of roof insulation. See specific Roof Assembly, Product Control Approval (NOA) for fastener density and approved attachment patterns.

Deck: 18-22 ga. steel, wood, min. 19/32" plywood or wood plank, 3000 psi concrete or concrete plank

Tradename:	#12 Standard Hex Head
Compatible Plate(s):	3 in. Ribbed Galvalume Plate, 3" Round Metal Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Product Control Approval (NOA).
Insulation Types:	Polyisocyanurate, Perlite, Fesco board, High Density Wood Fiber, Fiberglass, Perlite/Urethane Composite, with current NOA.
Application:	Mechanical attachment of roof insulation and membrane fastening assemblies. See specific Roof Assembly, Product Control Approval (NOA) for fastener density and approved attachment patterns.
Deck:	16-22 ga. steel, wood, min. 19/32" plywood or wood plank
Tradename:	OMG Heavy Duty
Compatible Plate(s):	3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), RhinoBond Insulation Plate, RhinoBond TreadSafe Plate, RhinoBond TPO/PVC SXHD Plate, OMG Eyehook Accuseam Plate, OMG Plastic Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.
Application:	Mechanical attachment of roof insulation and membrane. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	18-22 ga. steel, wood, min. 15/32" plywood or wood plank, 3000 psi concrete or concrete plank
Tradename:	OMG XHD , OMG Super XHD
Compatible Plate(s):	3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), RhinoBond Insulation Plate, RhinoBond TreadSafe Plate, RhinoBond TPO/PVC SXHD Plate, OMG 2-3/4" Super XHD Barbed Plate, OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, OMG Plastic Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.
Application:	Mechanical attachment of roof insulation and membrane. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	18-22 ga. steel, wood, min. 19/32" plywood or wood plank, 3000 psi concrete or concrete plank
Tradename:	CD-10 or Fluted Nail
Compatible Plate(s):	3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate and OMG Plastic Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.
Application:	Mechanical attachment of roof insulation and membrane. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	3000 psi concrete or concrete plank.
Tradename:	Lite Deck
Compatible Plate(s):	3" Lite-Deck Plate
Application:	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	Cementitious wood fiber or gypsum



Tradename:	Polymer GypTec
Compatible Plate(s):	Polymer Gyptec Insulation Plate or Polymer GypTec Plate 2" with barbs
Application:	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	Cementitious wood fiber or gypsum
Tradename:	Strap Toggle
Compatible Plate(s):	3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate.
Application:	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	18-22 ga. steel, wood, min. 19/32" plywood or wood plank, gypsum
Tradename:	OMG Purlin
Compatible Plate(s):	3 in. Ribbed Galvalume Plate, OMG 2" Barbed Plate, ASAP, OMG Plastic Plate, OMG 3" Round Metal Plate, and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.
Application:	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	Min. 18. ga. steel, wood, min. 19/32" plywood or wood plank, gypsum
Tradename:	CR Base Sheet Fastener (1.2")
Compatible Plate(s):	OMG Base Sheet Plate.
Application:	See specific Roof Assembly Notice of Acceptance for base sheets and fastener densities.
Decks:	Gypsum, NVS or Hybrid lightweight insulating concrete.
Tradename:	CR Base Sheet Fastener (1.7")
Compatible Plate(s):	OMG Base Sheet Plate.
Application:	See specific Roof Assembly Notice of Acceptance for base sheets and fastener densities.
Decks:	Aggregate or Cellular lightweight insulating concrete.
Tradename:	RhinoBond (Retro) Driller
Compatible Plate(s):	RhinoBond Insulation Plate, Rhinobond TreadSafe Plate, RhinoBond TPO/PVC SXHD Plate, 3in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), OMG Plastic Plate, OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate, and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.
Application:	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	Min. 16 ga., 50 ksi steel
Tradename:	Maxload Fastener
Compatible Plate(s):	3in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), RhinoBond Insulation Plate, Rhinobond TreadSafe Plate, RhinoBond TPO/PVC SXHD Plate, OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate and OMG Plastic Plate, and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.
Application:	Mechanical attachment of roof insulation and membrane. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	18-22 ga. steel, wood, min. 19/32" plywood or wood plank, 3000 psi concrete or concrete plank

Tradename: OlyLok Locking Impact Nail
Compatible Plate(s): N/A
Application: See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck: New or existing Cementitious Wood Fiber, Poured Gypsum, min. 300 psi Lightweight Insulating Concrete

GENERAL LIMITATIONS:

1. OMG, Inc., fasteners are a component part of a Miami-Dade Approved Roof Assembly. These products are approved for use only with those roof assemblies listing these products as an approved component. Refer to an approved Roof Assemblies Notices of Acceptance for use, density and attachment patterns.
2. Only those specific fasteners listed in this approval shall be utilized in Approved Roof Assemblies Notice of Acceptance.
3. Fasteners shall be installed in strict compliance with manufacturer's installation instructions, and in compliance with the requirements set forth in Roofing Application Standard RAS 111, 117 & 137.
4. Care shall be taken not to puncture or tear the base sheet or insulation facer during fastener installation. Application recommendations are noted in Roofing Application Standard RAS 117.
5. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida Registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117 or RAS 137.
6. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf., insulation attachment shall not be acceptable.
7. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.
8. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility, and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE



NOA No.: 14-0605.05
Expiration Date: 09/27/17
Approval Date: 11/27/14
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